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🔍 Title: **JP5207895A2: DETERMINATION OF FINE AMOUNT OF REDUCTION AND OXIDATION TYPE NICOTINAMIDE ADENINE DINUCLEOTIDE O REDUCTION TYPE AND OXIDATION TYPE NICOTINAMIDE ADENINE DINUCLEOTIDE PHOSPHATE**

🔍 Derwent Title: Microanalysis of NADH, NAD, NADPH and NADP - by measuring change in absorbance at visible site [\[Derwent Record\]](#)

🔍 Country: JP Japan

🔍 Kind: A

🔍 Inventor: FUJIMURA ARINOBU;

🔍 Assignee: FUJIMURA ARINOBU
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🔍 Published / Filed: 1993-08-20 / 1992-08-31

🔍 Application Number: JP1992000255539

🔍 IPC Code: [C12Q 1/32](#); [C12Q 1/26](#); [C12Q 1/54](#);

🔍 Priority Number: 1991-09-11 JP1991000308580

🔍 Abstract: PURPOSE: To provide a method for determining the fine amount of a reduction type or oxidation type nicotinamide denine dinucleotide or a reduction type or oxidation type nicotinamide adenined dinucleotide phosphate.

CONSTITUTION: A method for determining the fine amount of NAD(P)H or NAD(P) or an enzyme and an substrate or a product which are related thereto is characterized by reacting a specimen containing the NAD(P)H or NAD(P) with resazurin or p-iodonitrotetrazolium violet (INT-V) in the presence of a catalyst, amplifying the absorption of the reaction product in the visible region light with the substrate of a NAD(P)-NAD(P)H cycling conjugated with the reaction product and with an enzyme system and subsequently measuring the change of the absorption.

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